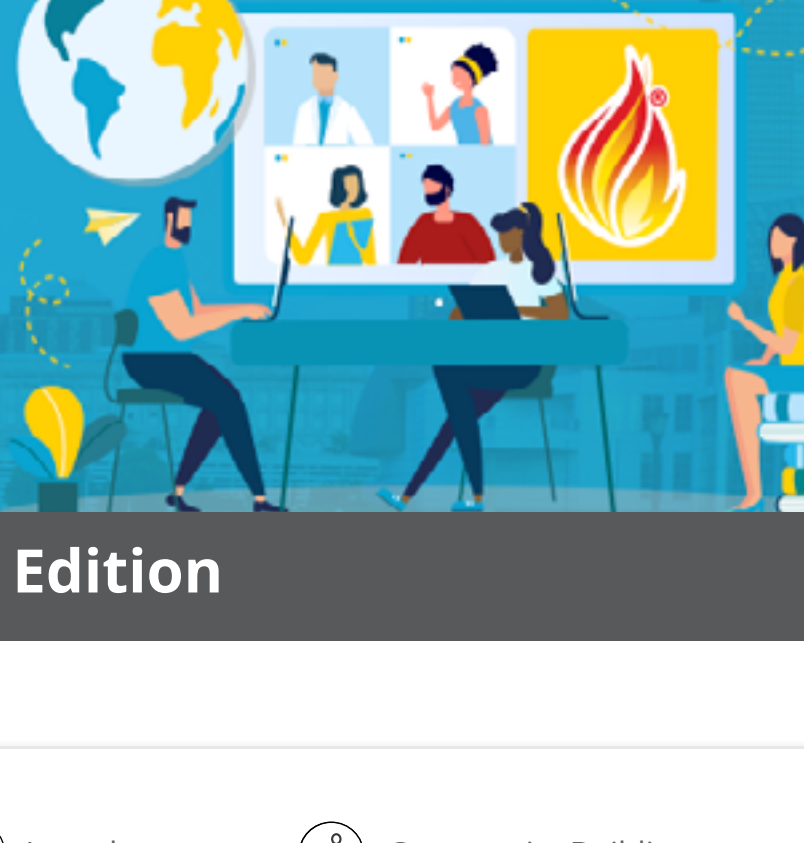


PROGRAM HL7 FHIR DevDays International



June 6-9, 2022 | Cleveland, OH | Hybrid Edition

LEGEND		Introductory		Community Building	
Plenary Sessions	Networking Moments	Introductory	Community Building		
Tutorials	Birds of a Feather	Advanced	In Cleveland only (not streamed/recorded)		
Let's Build!	Sponsored Sessions				
Community Talks					

Monday, June 6

11:00-11:45 AM	Find your physical way around DevDays Rien Wertheim, Firely	Find your virtual way around DevDays Ward Weistra, Firely		Networking Lounge	
11:45-12:00 Noon	English introduction to FHIR Mirjam Baltus, Firely	Spanish introduction to FHIR Diego Kaminker, HL7 International	German introduction to FHIR Simone Heckmann, Gefyra		
12:00-12:45 PM					
12:45-1:00 PM					
1:00-1:45 PM	A whirlwind tour of FHIR resources Virginia Lorenz, NY Presbyterian Hospital				
1:45-2:00 PM					
2:00-2:45 PM	Introduction to profiling Lilian Minne, Firely	Introduction to the FHIR API Nikolai Schwertner, Interopon			
2:45-3:00 PM					
3:00-3:45 PM	Introduction to terminology Dan Vreeman, HL7 International	Introduction to FHIR search Gino Canessa, Microsoft			
3:45-4:00 PM					
4:00-4:30 PM	Sponsored session Google Cloud FHIR APIs Google				Networking Lounge
4:30-5:30 PM					
5:30-8:00 PM	Welcome Reception				

Tuesday, June 7

7:00-7:45 AM					Networking Lounge
7:45-8:15 AM	Sponsored session X12 gets lit: X12 to FHIR (and back again) Redox				
8:15-8:30 AM					
8:30-9:20 AM	Opening session 8:30-8:40 Opening Ewout Kramer, Firely and Chuck Jaffe, HL7 International 8:40-9:20 Keynote Tal Goleworthy				
9:20-9:30 AM					
9:30-10:15 AM	Dealing with multiple implementation guides Grahame Grieve, Health Intersection	A novel way to manage and represent unstructured clinical data within the longitudinal record Ruchika Kharwar, Google	CDS Hooks Brynn Rhodes, Alpha	Converting national policies into computable the WHO SMART guidelines Akin Marcelo, PSIL	Switzerland on FHIR: learning and success Michaela Ziegler, ahdis AG
10:15-10:45 AM	Connect over coffee				
10:45-11:30 AM	FHIR streams: democratized data with FHIR in a modern event-driven architecture Alex Morley, Babylon	SMART basics / V1 - app launch Josh Mandel, Microsoft	Post-Acute Care Interoperability work group - outcome from integration track Nancy Lush, Patient Centric Solutions Dave Hill, MITRE	9:30-9:50 Bringing quicker care to remote communities leveraging FHIR & IHE MACH profile Revathy Sreenath, Philips	9:30-9:50 OMOP to FHIR Bulk Data API used for Multi-state FHIR-based Network for Disease Surveillance (MENDS) Bob Zambarano, Commonwealth Informatic
11:30-11:45 AM					
11:45-12:30 PM	High performance system-to-system synchronization with whole-system history Robin Arnold, IBM Watson Health	Make your implementations global with the International Patient Access (IPA) Mikael Rinnetmäki, Sensotrend	11:45-12:05 Bulk Data implementation on public cloud with secure sharing of data files Chetan Kumar Jain, Optum Global Advantage	11:45-12:05 Prior Authorization using CDS Hooks and SMART on FHIR Dharmesh Patel, Google Cloud	11:45-12:05 FHIR meets corporate security Lukasz Nosol, Optum UnitedHealthCare
12:30-2:00 PM	Lunch				
1:20 - 1:50 PM	Sponsored session Azure Health Data Services Microsoft				
2:00-2:45 PM	Building a FHIR app with .NET Mirjam Baltus, Firely	Building a FHIR app with Java James Agnew, Mark Iantorno, SmileCDR	High performance storage of conformance data Ewout Kramer, Firely	Learn to FSH: a friendly introduction to FHIR Shorthand Mark Kramer, MITRE	LET'S BUILD NACHC's open source implementation of FHIR to OMOP John Gresh, NACHC
2:45-2:55 PM					
2:55-3:40 PM	LET'S BUILD Building a FHIR app with .NET Mirjam Baltus, Firely	LET'S BUILD Building a FHIR app with Java James Agnew, Mark Iantorno, SmileCDR	Topic-based subscriptions Gino Canessa, Microsoft	LET'S BUILD Create an Implementation Guide (IG) with FHIR Shorthand Chris Moesel, MITRE	2:55-3:15 Lit: yet another FHIR library Hugh Simpson, Babylon
3:40-4:10 PM					
4:10-4:55 PM	FHIR Bulk Data API and what's new in v2 Dan Gottlieb, Central Square Solutions	LET'S BUILD SMART hands on Josh Mandel, Microsoft	MIMIC-IV-on-FHIR Alex Bennett, The Hospital for Sick children	LET'S BUILD Building a FHIR data model with Forge Ardon Toonstra, Firely	FHIR-FLI (Firefly) - Connecting Flutter to FHIR Grey Faulkenberry, Mayjuun
4:55-5:00 PM					
5:00-5:45 PM	LET'S BUILD Bulk Data from HER export to SQL exploration Dan Gottlieb, Central Square Solutions	Leveraging US specifications for the world Lloyd McKenzie, Accenture	Dynamic registration for SMART apps Isaac Vetter, Epic	The role of HL7® FHIR® in patient cost transparency Viet Nguyen, HL7 International	LET'S BUILD FHIR-FLI (Firefly) - Live-coding John Manning, Mayjuun
5:45-7:00 PM	Food & Drinks and Pubtalks				Networking Lounge

Wednesday, June 8

7:45-8:15 AM	Sponsored session Accelerating development using FHIR services in the cloud InterSystems				
8:15-8:30 AM					
8:30-9:20 AM	Plenary session 8:30-8:40 Opening Ewout Kramer, Firely 8:40-9:20 Keynote Playing with FHIR: how I hacked 4 million patient records through FHIR APIs Alissa Knight , Knight Group				
9:20-9:30 AM					
9:30-10:15 AM	Using clinFHIR to learn and develop FHIR solutions David Hay	Storing data using FHIR - a good idea? Grahame Grieve, Health Intersection	Vulcan - Boldly Going? Hugh Glover, Blue Wave Informatics	Specification as code: collaborative specification processes in the enterprise Hans van Amstel, Royal Philips	Argonaut: overview of projects + new projects for 2022 Brett Marquard, WaveOne Associates
10:15-10:45 AM	Connect over coffee				
10:45-11:30 AM	All you need to know about FHIR validation Vadim Peretokin, Firely	You put what, where? Vivian Neelley, Google	Understanding the ArtifactAssessment resource Brian Alper, Computable Publishing LLC	10:45-11:05 Exchange of analytics data using FHIR resources Chetan Kumar Jain, Optum Global Advantage	10:45-11:05 Role of a FHIR ambassador Mikael Rinnetmäki, Sensotrend Oy
11:30-11:45 AM					
11:45-12:30 PM	Publishing a FHIR specification Ward Weistra, Firely	TEFCA Speakers to be confirmed	Complex eligibility criteria Gustav Vella, Hlexee	11:45-12:05 FHIR for delivery to quality registrations Lilian Minne, Firely	11:45-12:05 SMART Health Cards - standard, testing & validation tools Max Masnick, MITRE, Christian Paquin, Microsoft, JP Pollack, The Commons Project
12:30-2:00 PM	Lunch				
1:20 - 1:50 PM	Sponsored session Microsoft				
2:00-2:45 PM	LET'S BUILD Comparing profiles and implementation requirements Grahame Grieve, HL7/Health Intersection	Argonaut: USCDI and US Core Eric Haas, Health Data Inc Brett Marquard, WaveOne Associates	LET'S BUILD Publishing a FHIR specification with Simplifier Ardon Toonstra, Firely	2:00-2:20 Consent, social determinants of health Ron Sweeney, Integration Requested/ InterSystems	2:00-2:20 Enforcing consent directives on FHIR Bob Lou, Google
2:45-2:55 PM					
2:55-3:40 PM	LET'S BUILD Publishing a FHIR specification with IG Publisher Lloyd McKenzie, Accenture	Introduction to the Android FHIR SDK Fred Hersch, Google Health	LET'S BUILD Building FHIR with Typescript Brian Kaney, Vermonster	2:55-3:15 PACER Tia Pope, Myung Choi, Michael Riley, Georgia Tech	2:55-3:15 FHIR R4 data ingestion pipelines driven by liquid templates Dejiang Hu, Northwell Health
3:40-4:10 PM					
4:10-4:55 PM	LET'S BUILD Building dynamic Implementation Guides with FHIR Shorthand and Firely Query Language Alexander Zautke, Firely	LET'S BUILD Mobile data collection with FHIR Jing Tang, Google	Leveraging test-driven development with FHIR implementations Richard Ettema, AEGIS.net Inc	Clinical guidelines with FHIR and CQL Bryn Rhodes, Alpha	4:10-4:3 Typescript FHIR library Gino Canessa, Microsoft
4:55-5:00 PM					
5:00-5:45 PM	FHIR Questionnaires and structured data capture with examples Brian Postlethwaite, Microsoft	Patient request for corrections Virginia Lorenz, NY Presbyterian Hospital Dave deBronkart, e-Patient Dave	LET'S BUILD Leveraging test-driven development with FHIR implementations Richard Ettema, AEGIS.net Inc	LET'S BUILD A clinical guideline recommendation with FHIR and CQL Bryn Rhodes, Alpha	5:25-5:45 Patient experience application on FHIR Lance Jones, IBM
6:30 PM - evening	Social event				Networking Lounge

Thursday, June 9

7:45-8:15 AM	Sponsored session Innovaccor				
8:15-8:30 AM					
8:30-9:20 AM	Plenary session 8:30-8:40 Opening Ewout Kramer, Firely 8:40-9:20 Keynotes Doctors solving problems with data Subha Airan-Java , CareAlign and Josh Herigon , Children's Mercy Hospital				
9:20-9:30 AM					
9:30-10:15 AM	FHIR server scale and performance challenges Nikolai Ryzhikov, Health Samurai	Bridging research protocols in healthcare systems Geoff Low, Dassault Systems	Testing with Inferno 2.0 Speakers to be confirmed	9:30-9:50 The Smart4Health project: Secure citizen-centered data exchange in Europe based on the International Patient Summary Morten Ernebjerg, Data4Life	9:30-9:50 An automated early warning scoring (EWS) solution was applied on COVID-19 patients in the negative pressure isolation ward Selina Lien, Tao-Yuan General Hospital
10:15-10:45 AM	Connect over coffee				
10:45-11:30 AM	GraphQL on FHIR: blazing-fast specification-driven GraphQL for any FHIR server Matt Willer, One Medical	How you can use HL7® FHIR® to reduce burden and solve prior authorization challenges Viet Nguyen, HL7 International	Better managing sets of resources Grahame Grieve, Health Intersection	10:45-11:05 The consumer's new digital front door: advancing and implementing consumer directed health information exchange with the CARIN Alliance Ryan Howells, Leavitt Partners, LLC	10:45-11:05 Lesion tracking DICOM SR to FHIR mapping Khaled Younis, Philips
11:30-11:45 AM					
11:45-12:30 PM	SMART V2 Implementer talk Josh Mandel, Microsoft	Mapping FHIR data to parquet for analytics and machine learning Quan Wan, Microsoft	HealthKit ♥ FHIR Pascal Pfiffner, Amy Ballard, Apple	11:45-12:05 BSR Tia Pope, Myung Choi, Georgia Tech	11:45-12:05 The future of FHIR: R4B and R5 Lloyd McKenzie, Accenture
12:30-2:00 PM	Lunch				
1:20 - 1:50 PM	Sponsored session Bridging large-scale FHIR to AI in production Google				
2:00-2:45 PM	LET'S BUILD Implementation Guide publishing and quality control in the cloud Alexander Zautke, Firely	LET'S BUILD FHIRPath by example Brian Postlethwaite, Microsoft	Terminology mapping and translation - ConceptMap updates and new capabilities in FHIR R5 Robert Hausam, MITRE	2:00-2:20 Using an identity broker to augmenting existing login solution to be SMART on FHIR compatible Joshua Varner, Lyniate	2:00-2:20 The endpoints are coming! Using Lantern to shed light on FHIR API deployments JEFF BROWN, MITRE
2:45-2:55 PM					
2:55-3:40 PM	LET'S BUILD Mapping with FHIR Oliver Egger, ahdis ag / HL7 Switzerland	LET'S BUILD HAPI-FHIR MDM, hands-on patient matching working session Ken Stevens, Smile CDR	Smart Health links - early design discussion Josh Mandel, Microsoft	2:55-3:15 SMART Health Cards - early adoption Ricky Bloomfield, Agniveer Isaac Vetter, Epic	2:55-3:15 Proof of concept exploring the use of FHIR Bulk Export for collecting demographic and social determinants of health data in future CMMI models Justin Kenel, Nava PBC
3:40-4:45 PM					
3:45-4:30 PM	Closing session 3:45-3:50 Ewout Kramer, Firely, Dan Vreeman, Diego Kaminker, Viet Nguyen, HL7 International 3:50-4:10 Round Table 4:10-4:30 Closing Keynote Grahame Grieve, Health Intersection				
4:30-5:30 PM	Farewell Drinks & Snacks				Networking Lounge